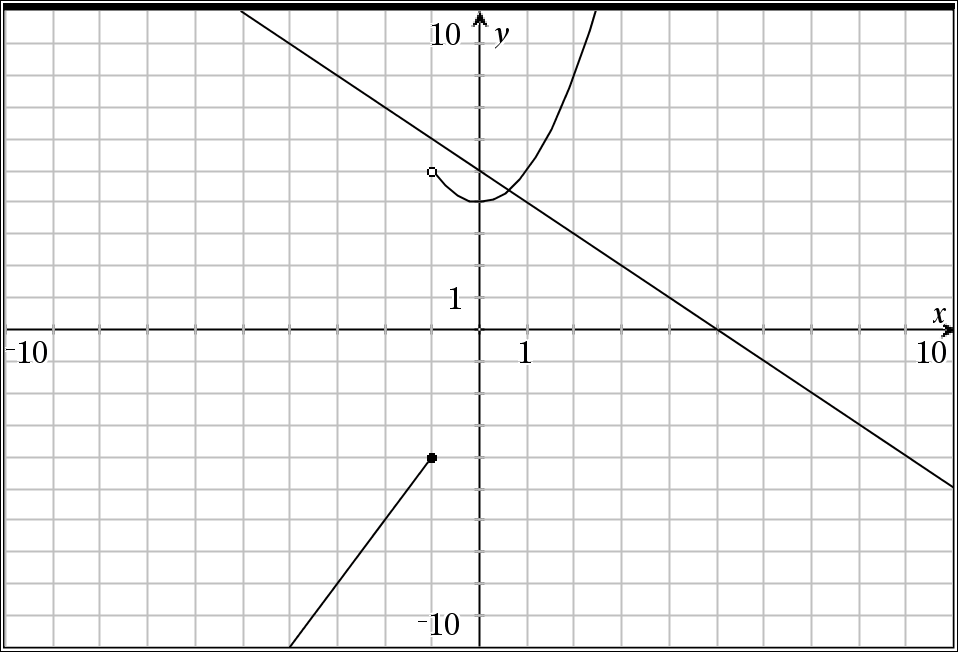
Unit 2 Day 3 WS Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_\_\_

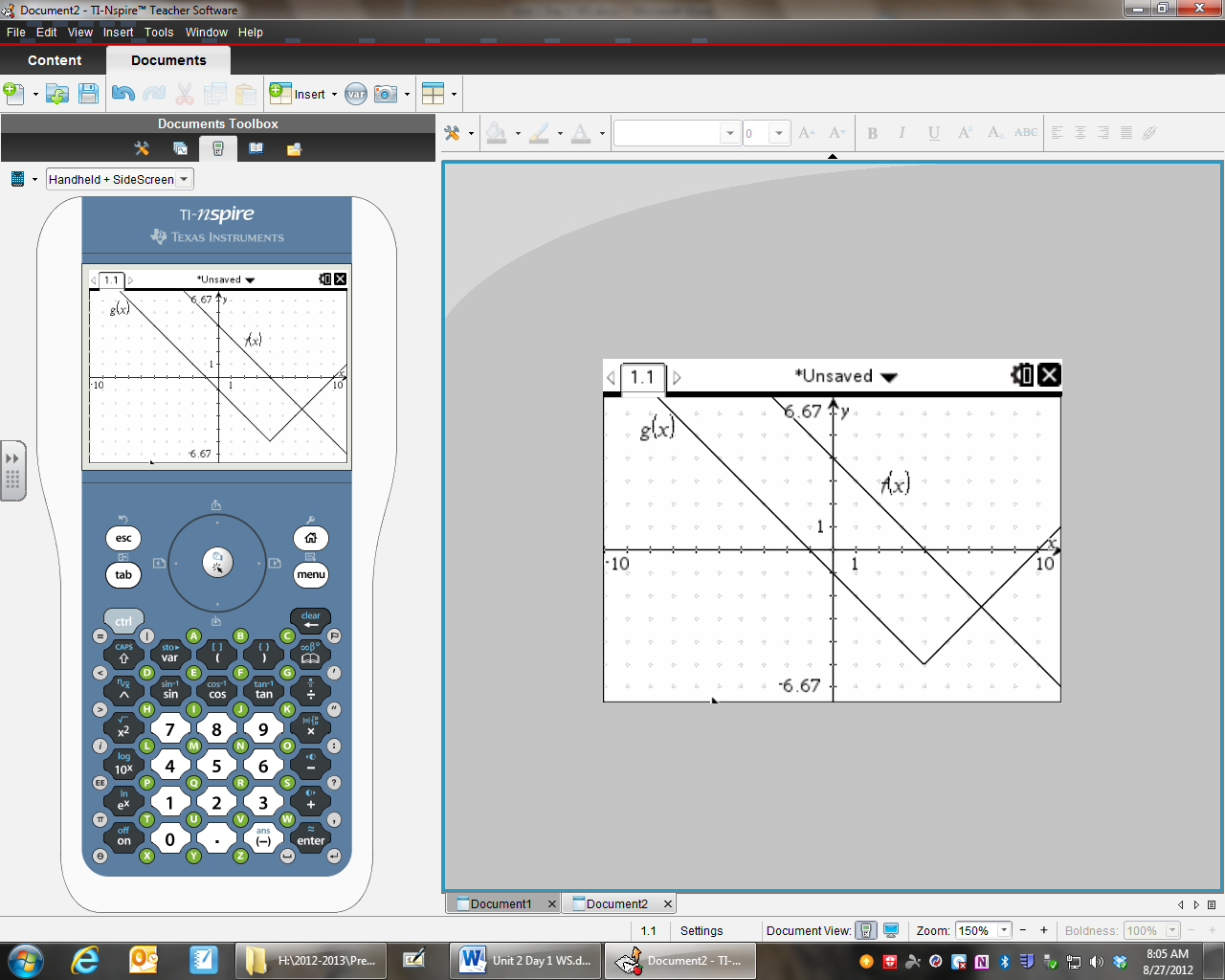
For problems 1–7, find A) , B) state the domain of the composite function, and C)

1. 2. 3.

4. 5. 6.

7.

Use for 8–10. Use for 11–13.



g(x)

g(x)

f(x)

8. f(g(1)) 9. f(g(–1)) 10. g(f(5)) 11. g(f(4)) 12. f(g(2)) 13. g(f(6)

Use the following table for 14–16.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -4 | 1 | 3 | 4 | 5 | 6 | 8 |
| g(x) | -2 | 3 | 5 | 6 | 7 | 8 | 9 |
| f(x) | 1 | 4 | 7 | 8 | 9 | 10 | 11 |

14. f(g(1)) 15. g(f(4)) 16. g(f(–4))

Evaluate the function for the given values.

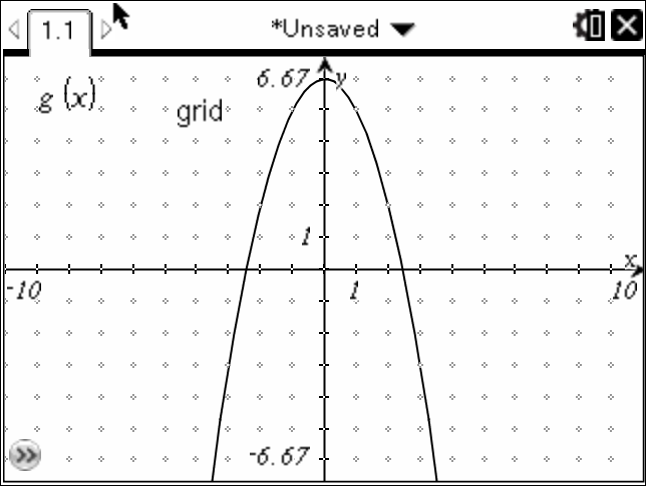
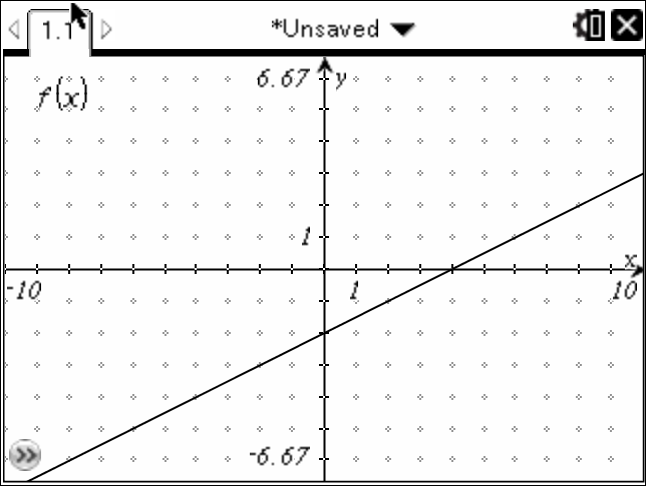
\*17. v(t) = –4x – 4

a) v(–3)

b) v(x+3)

c) v(t) = 0

Use the following graphs to answer the questions.



\*18. (f+g)(0) \*19. g(–3) \*20. f(2)•g(2) \*21. (g–f)(1)